

WEST Search History

DATE: Wednesday, June 18, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
L11	(aeq or aequorin) and (gfp.ti. or "green fluorescent protein".ti.)	6	L11
L10	aeq.ti. or aequorin.ti. and (gfp or "green fluorescent protein")	0	L10
L9	L8 and (aequorin or aeq or gfp or "green fluorescent protein")	36	L9
L8	aeq.ti. or aequorin.ti. or gfp.ti. or "green fluorescent protein".ti.	36	L8
L7	L6 and l5	4	L7
L6	((435/69.7)!.CCLS.)	1517	L6
L5	l1 same l2	87	L5
L4	l1 same l2 same l3	9	L4
L3	linker or fusion or fused or chimera\$ or cameleon	166070	L3
L2	gfp or "green fluorescent protein"	2369	L2
L1	aequorin	904	L1

END OF SEARCH HISTORY

WEST Search History

DATE: Friday, June 20, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L3	"BAUBET; VALERIE"	0	L3
L2	"LEMOUELLIC; HERVE"	0	L2
L1	"BRULET; PHILIPPE"	2	L1

END OF SEARCH HISTORY

WEST Search History

DATE: Wednesday, June 18, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

L15	L14 and l13	51	L15
L14	@PY <= 2000	6638887	L14
L13	L12 and l4	106	L13
L12	L11 and l5	142	L12
L11	(l2 or l6) same l3	270	L11
L10	L9 and l5	452	L10
L9	L8 and l2	1528	L9
L8	L7 and l3	2097	L8
L7	(l2 or l6) and l4	2683	L7
L6	aequorin	904	L6
L5	bioluminesc\$ or luminesc\$	24206	L5
L4	fusion or chimera\$	76763	L4
L3	ca or calcium	769511	L3
L2	GFP OR "green fluorescent"	3026	L2
L1	"ser gly gly ser gly" or "ser gly ser gly gly" or "gly gly gln ser gly" or "gly gly ser gly ser" or "ser gly gly gln ser" or "gly gly gln ser gly" or "gly gly ser gly ser" or "ser gly gly gln ser" or "ser gly ley arg ser"	0	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1653lxm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAFULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

ENTER PASSWORD:

Welcome to DIALOG

Dialog level 02.15.02D

Last logoff: 18jun03 10:28:01

Logon file405 18jun03 18:44:48

*** See HELP NEWS 225 for information on new search prefixes
and display codes

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help /L = Logoff /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).

? b 410

18jun03 18:44:48 User268147 Session D86.1

\$0.00 0.149 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.00 Estimated cost this search

\$0.00 Estimated total session cost 0.149 DialUnits

File 410:Chronolog(R) 1981-2003/Mar

(c) 2003 The Dialog Corporation

Set Items Description

--- ---

? set hi %%%,set hi %%%

HIGHLIGHT set on as "

HIGHLIGHT set on as "

? b 5, 34, 155, 172

18jun03 18:44:58 User268147 Session D86.2

\$0.00 0.071 DialUnits File410

\$0.00 Estimated cost File410

\$0.03 TELNET

\$0.03 Estimated cost this search

\$0.03 Estimated total session cost 0.220 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Jun W2

(c) 2003 BIOSIS

File 34:SciSearch(R) Cited Ref Sci 1990-2003/Jun W2

(c) 2003 Inst for Sci Info

File 155:MEDLINE(R) 1966-2003/Jun W3

(c) format only 2003 The Dialog Corp.

*File 155: Medline has been reloaded and accession numbers have changed. Please see HELP NEWS 155.

File 172:EMBASE Alert 2003/Jun W3

(c) 2003 Elsevier Science B.V.

Set Items Description

? s gfp or "green fusion protein" or "green fusion proteins"

20191 GFP

0 GREEN FUSION PROTEIN

0 GREEN FUSION PROTEINS

S1 20191 GFP OR "GREEN FUSION PROTEIN" OR "GREEN FUSION PROTEINS"

? s aeq or aequorin

148 AEQ

3668 AEQUORIN

S2 3788 AEQ OR AEQUORIN

? s fusion or fuse? or chimera? or chimeric or cameleon?

280226 FUSION

91468 FUSE?

92657 CHIMER?

61160 CHIMERIC

151 CAMELEON?

S3 422134 FUSION OR FUSE? OR CHIMER? OR CHIMERIC OR CAMELEON?

? s s1 and s2 and s3

20191 S1

3788 S2

422134 S3

S4 35 S1 AND S2 AND S3

? s py<=2000

Processing

Processing

Processing

S533306410 PY<=2000

? s s4 and s5

35 S4

33306410 S5

S6 12 S4 AND S5

? type s6/full/all

6/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

12189385 BIOSIS NO.: 199900484234

Cameleon calcium indicator reports cytoplasmic calcium dynamics in

suitable to measure [Ca²⁺]_{cyt} changes in guard cells and enable the pattern of [Ca²⁺]_{cyt} dynamics to be measured with a high level of reproducibility in Arabidopsis cells. This technical advance in combination with cell biological and molecular genetic approaches will become an invaluable tool in the dissection of plant cell signal transduction pathways.

Tags: Support, Non-U.S. Gov't; Support, U.S. Gov't, Non-P.H.S.

Descriptors: *Calcium Signaling; *Indicators and Reagents; *Luminescent Proteins; *Microscopy, Fluorescence--methods--MT; *Plant Leaves--metabolism--ME; Amino Acid Sequence; Arabidopsis--cytology--CY; Arabidopsis--metabolism--ME; Base Sequence; Calmodulin-Binding Proteins--genetics--GE; Calmodulin-Binding Proteins--metabolism--ME; Cytoplasm--metabolism--ME; Image Processing, Computer-Assisted; Indicators and Reagents--metabolism--ME; Luminescent Proteins--genetics--GE; Luminescent Proteins--metabolism--ME; Microscopy, Confocal; Molecular Sequence Data; Plant Leaves--cytology--CY; Recombinant Fusion Proteins--metabolism--ME

CAS Registry No.: 0 (Calmodulin-Binding Proteins); 0 (Indicators and Reagents); 0 (Luminescent Proteins); 0 (Recombinant Fusion Proteins)

Identifiers: *NASA Discipline Plant Biology; *Non-NASA Center

Record Date Created: 20000321

Record Date Completed: 20000321

? ds

Set	Items	Description
S1	20191	GFP OR "GREEN FUSION PROTEIN" OR "GREEN FUSION PROTEINS"
S2	3788	AEQ OR AEQUORIN
S3	422134	FUSION OR FUSE? OR CHIMER? OR CHIMERIC OR CAMELEON?
S4	35	S1 AND S2 AND S3
S5	33306410	PY<=2000
S6	12	S4 AND S5

right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:28:58 ON 18 JUN 2003

=> file registry
COST IN U.S. DOLLARS SINCE FILE TOTAL
 ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 15:29:07 ON 18 JUN 2003
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JUN 2003 HIGHEST RN 532924-24-6
DICTIONARY FILE UPDATES: 17 JUN 2003 HIGHEST RN 532924-24-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s sgsg/sqep
 0 SGGSG/SQEP
 53242 SQL=5
L1 0 SGGSG/SQEP
 (SGGSG/SQEP AND SQL=5)

=> s sgsg/sqsp
L2 4673 SGGSG/SQSP

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Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1653lxm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 "Ask CAS" for self-help around the clock
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NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data

Enter NEWS followed by the item number or name to see news on that specific topic.

*****STN Columbus*****

=> file registry			
COST IN U.S. DOLLARS		SINCE FILE	TOTAL
	ENTRY	SESSION	
FULL ESTIMATED COST		0.21	0.21

Property values tagged with IC are from the ZIC/VINTI data file provided by InfoChem.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=> s sggsgsgsggqsgsgsgsggqsgsgsgsggqsgsgsgsggqsgsgsgsggqsglrs/sqep
      1 SGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGLRS/SQEP
      36238 SQL=50
L1    1 SGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGLRS/SQEP
      (SGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGSGSGGGQSGGLRS/SQEP AND S
      QL=50)
```

=> s SGGSGSGGQSGGSGSGGQSGGSGSGGQSGGSGSGGQSGGSGSGGQSGGLRS/SQsP

L2 1 SGGSGSGGQSGGSGSGGQSGGSGSGGQSGGSGSGGQSGGLRS/SQSP

=> s 11 or 12

L3 1 L1 OR L2

=> file caplus

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		34.00	34.21

FILE 'CAPLUS' ENTERED AT 14:34:17 ON 18 JUN 2003
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FILE COVERS 1907 - 18 Jun 2003 VOL 138 ISS 25
FILE LAST UPDATED: 17 Jun 2003 (20030617/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 1 L3

=> d 14 all

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 2001:886183 CAPLUS
DN 136:34279
TI Chimeric GFP-aequorin as bioluminescent Ca⁺⁺ reporters at the single cell level
IN Baubet, Valerie; Le Mouellic, Herve; Brulet, Philippe
PA Institut Pasteur, Fr.; Centre National De La Recherche Scientifique
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM C07K014-00
CC 9-5 (Biochemical Methods)
Section cross-reference(s): 3, 6, 12, 13
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001092300	A2	20011206	WO 2001-EP7057	20010601
WO 2001092300	A3	20021107		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,